

Information Disclosure Statement

The Examiner has asserted that the Information Disclosure Statement filed September 16, 2002 is unacceptable. However, the Examiner also states that the art cited therein has been considered and the optical disk containing the cited references has been placed in the file. Since the art cited by Applicant has been considered by the Examiner, it is unclear whether remedial action is required. Clarification is respectfully requested.

Claims Allowable Over the Cited Art

The Examiner rejected Claims 1-20 as unpatentable in view of Chang, either alone or in combination with Lin, Wyler, and/or Ende. Applicant respectfully traverses this rejection and requests reconsideration and withdrawal of this rejection.

In support of this rejection, the Examiner cites "a heat sink 60" of Chang. Applicant respectfully submits that item 60 of Chang is not a heat sink. Chang refers to item 60 as "a cover 60" (at column 3, line 19). A "cover" is not a "heat sink." Nothing in Chang teaches or suggests that cover 60 acts as a heat sink. In fact, showing that cover 60 includes ventilating slots 62 (at column 4, line 18) suggests that cover 60 does not dissipate heat and therefore does not act as a heat sink.

Claims 1, 2, 5, 6, 13, 14, 17, and 18-20 stand rejected in view of Chang alone. Accordingly, Claims 1, 2, 5, 6, 13, 14, 17, and 18-20 are allowable over Chang since Chang neither teaches nor suggests a heat sink mounted on a carrier for holding a hard disk drive.

In support of his rejection of Claims 3, 4, 15, and 16, the Examiner cited Lin as teaching a filter mounted on a face plate. However, the Examiner has not cited any teaching or suggestion within Lin for the missing heat sink element of Chang. Therefore, any combination of Chang and Lin would also lack the missing "heat sink" element. Claims 3, 4, 15, and 16 are therefore allowable over Chang combined with Lin, assuming arguendo such a combination is properly motivated in the prior art.

In support of the rejection of Claims 7 and 8, the Examiner cited Wyler and Ende as alternative teachings of fins as heat sinks. Applicant respectfully submits that, since Chang teaches no heat sink, the specific characteristics of heat sinks taught by Wyler and Ende are not properly combined with Chang since teaching, suggestion, and motivation to combine the heat sinks of Wyler and/or Ende with Chang are all missing from the record. To the extent the Examiner has taken Official Notice for such motivation to combine the references, Applicant hereby seasonably challenges such Official Notice and respectfully requests supporting documentation.

Wyler teaches at column 6, lines 18-32, that heat sink 56, copper braiding 64, and metal bracket 62 provide a conductive heat path between a hard disk drive and the surrounding atmosphere through sound absorption material 66. Applicant finds no teaching, suggestion, or motivation in the cited art as to how such a conductive heat path would be advantageous in the carrier of Chang which is taught to already include ventilating slots 62.

Ende teaches (column 7, lines 14-20) that the cover 12 of the hard drive itself has fins 104 to dissipate heat. Since the hard drive itself has heat dissipating fins in Ende, it is counter-intuitive to add a heat sink to the carrier designed to hold such a hard disk.

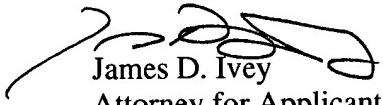
Thus, neither Wyler nor Ende teach or suggest adding a heat sink to the heat-sink-less carrier taught by Chang. Accordingly, Claims 7 and 8 are allowable over Chang in view of Wyler and/or Ende.

The Examiner rejected Claims 9-12 as unpatentable over Chang in view of Wyler and Lin. Claims 9-12 are allowable over the cited art for at least the reasons given above.

**Conclusion**

Claims 1-20 are now in a condition for allowance and such action is respectfully requested. If the Examiner's next action is other than for allowance of claims 1-20 or if the Examiner has any questions or comments with respect to the above identified case, the Examiner is respectfully invited to telephone the undersigned at (510) 336-1100.

Respectfully submitted,



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